

Figure 1

The synthetic route for the preparation of block copolymer, possessing a hydrophobized polyelectrolyte block.

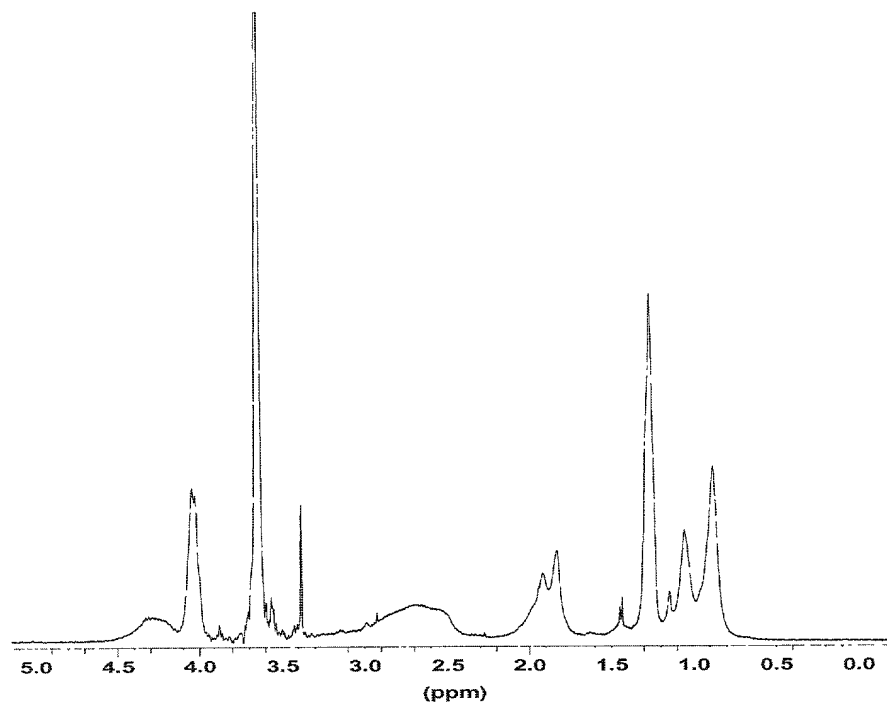


Figure 2

^1H NMR spectrum of PEG-*b*-P(DMAEMA₇₀-*co*-EMA₃₀) in CDCl_3 .

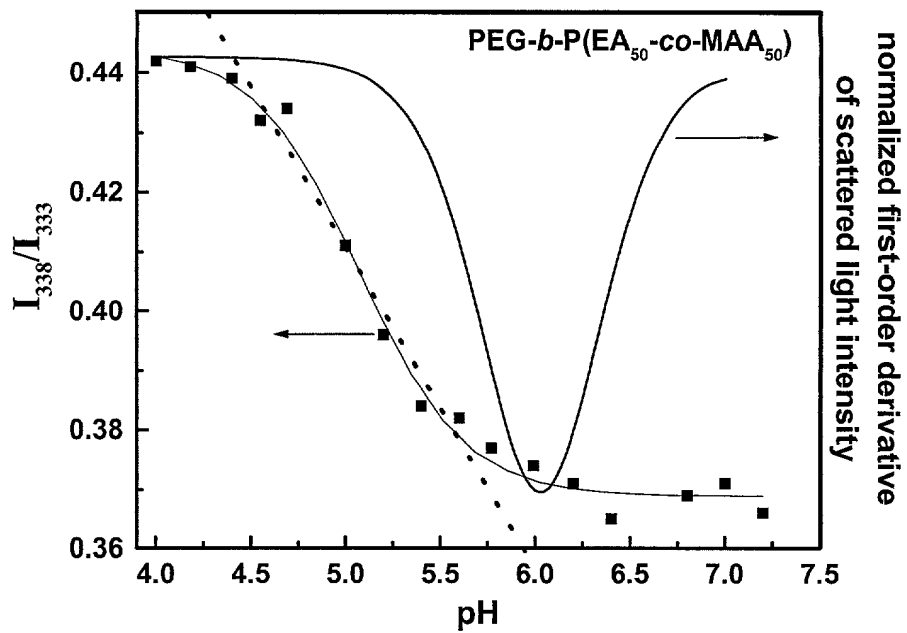


Figure 3

The variation in light scattering and pyrene fluorescence I_{338}/I_{333} ratio of a PEG-*b*-P(EA₅₀-co-MAA₅₀) aqueous solution as a function of pH.

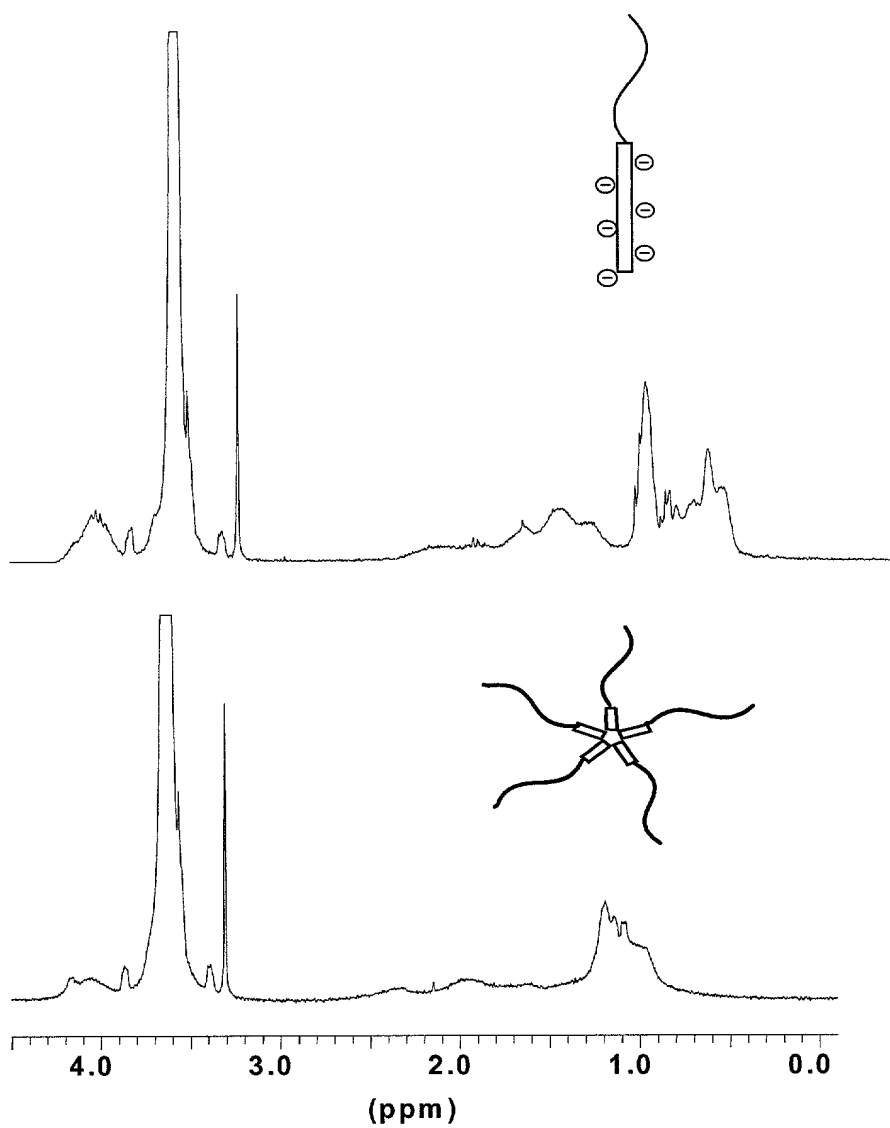


Figure 4
 ^1H NMR spectrum of PEG-*b*-P(EA₅₀-*co*-MAA₅₀) in D_2O at pH 10 (A)
 and at pH 3 (B).